AMP MONITOR

APFN MONITOR
J20-5
J20-6
R84 1.00k
R85 1.00K
R214 48.7K
R215 48.7K
R216 49.9K
TP23
R205 270
U46 LM324
C84 .01
C83 .01
R217 49.9K

U43 LF356
+15V
C74 .1
C82 .1
-15V
R77 100
Q1 2N3904
CR20 1N914
C75 .01
R213 1M
POLYSTYRENE

U44 LF398
C77 .1
C78 .1
C76 .01
POLYSTYRENE

AUTO_INH 3
U9 4098
C11 .001
R20 20K
C10 .1

R224 49.9K
R223 49.9K

U46 LM324
C86 .1
C87 100pf
R225 10K
R222 100
J21-11
AMP PFN MONITOR
J21-10
C85 .1

SMPS NOT OK
DS3 RED
R186 270
Q12 VN10KM
U38 LM324
R156 20K
C65 .1
R150 2.21K
R152 1.00K
CR7 1N914
R164 20K
R153 20K
C66 .1
R151 20K
R158 20K
R157 20K
CR8 1N914
R161 20K
R159 20K
-5.0V
R160 1.00K
R162 2.21K

CMND 5

U51 LM324
R250 49.9K
J21-39
J21-40
REMOTE APFN V SET
R276 1.00K
R275 1.00K
R253 48.7K
R252 48.7K
R251 49.9K
C112 .1
C113 .1
R245 49.9K
AMP PFN
R264 50K
R255 10K
R254 10K

CR23 1N914
U47 LM324
APFN OVER VOLTAGE LIMIT
DS2 RED
R265 270
Q11 VN10KM
CR24 1N914
R230 20K
C88 .1
C89 .1

U13 LM339
R37 10K
R38 10K
R39 10K
R40 1.00K
R41 1.00K
R45 20K
AMP START TIMEOUT
R48 270
CR3 1N914
J21-41
1 AMP START TIMEOUT

U51 LM324
R246 49.9K
J21-12
J21-13
CIM APFN V SET
R269 1.00K
R270 1.00K
R247 48.7K
R248 48.7K
R249 49.9K
C108 .1
C107 .1
C109 .1
C99 .1
R228 10K
R229 10K
CR22 1N914
CR21 1N914

U40 4052
C69 .1
3 PFN_PROG
U42 LM324
TP5
R202 270
C70 .1
METAL FILM
R183 1.00K
CR13 1N914
TP22
R165 1.00K
U38 LM324

U45 4052
J21-42
COMPUTER = 1
R206 20K
C80 .1
J21-43
STROBE = 0
R182 20K
C58 .1

R201 49.9K
R200 49.9K
C26 1.0
R68 10K
U16 4098
LCK_DIS
U52 LM324
R196 10K
R199 2.21K
C72 .1
C73 .1
HI = INHIBIT
2 AMP_STAT
2 PIV
3 PIV
7 PIV

+5.0V
R301 1.00K
R302 10.0K
C116 100pf
R295 10K
R282 100
U55 LM324
AMP ZENER VOLTS
J21-38
AMP LOCK OUT
R262 50K
U55 LM324

OSC_PFN VOLTS 3

SIZE	FSCM NO.	DWG. NO.	REV.
D		0449-5030	A
SCALE		11-03-94	SHEET 4 OF 7